

CLAIMS:

- 1 1. A method of recovering a call between a wireless unit and a wireless
2 communications system comprising the steps of:
3 determining independently a second set of base station(s) by said wireless unit
4 after a communication link between said wireless unit and a first set of serving base
5 station(s) is severed; and
6 changing from said first set of serving base station(s) for said call to a second
7 set of serving base station(s) in attempting to service said call.
- 1 2. The method of claim 1 wherein said step of determining comprising:
2 using information known at both the wireless communication system and at
3 the wireless unit before the communication link was severed.
- 1 3. The method of claim 2 wherein said step of using including:
2 using a candidate list identified with a previous pilot strength measurement
3 message (PSMM) known to have been successfully reported to the wireless
4 communications system.
- 1 4. The method of claim 3 wherein said changing including:
2 automatically designating base station(s) in said candidate set as active.
- 1 5. The method of claim 4 further comprising:
2 receiving a channel assignment message, over a control channel from at least
3 one of said designated candidate base station(s), which provides at least forward
4 channel assignments for said designated candidate base station(s).
- 1 6. A method of recovering a call between a wireless unit and a wireless
2 communications system comprising the steps of:

3 determining independently a second set of base station(s) by said wireless
4 communications system after a communication link between said wireless unit and a
5 first set of serving base station(s) is severed; and

6 changing from said first set of serving base station(s) for said call to a second
7 set of serving base station(s) in attempting to service said call.

1 7. The method of claim 6 wherein said step of determining comprising:
2 using information known at both the wireless communication system and at
3 the wireless unit before the communication link was severed.

1 8. The method of claim 7 wherein said step of using including:
2 using a candidate list identified with a previous pilot strength measurement
3 message (PSMM) known to have been successfully reported to the wireless
4 communications system.

5 9. The method of claim 8 wherein said step of changing including:
automatically designating base station(s) in said candidate set as active.

1 10. The method of claim 9 further comprising:
2 transmitting a channel assignment message, over a control channel from at
3 least one of said designated candidate base station(s), which provides at least forward
4 channel assignments for said designated candidate base station(s).

1 11. A wireless unit comprising:
2 processing circuitry configured to determine independently a second set of
3 base station(s) after a communication link carrying a call between said wireless unit
4 and a first set of serving base station(s) is severed and further configured to change
5 from said first set of serving base station(s) for said call to a second set of serving
6 base station(s) in attempting to service said call.

- 1 12. A wireless communications system comprising:
2 processing circuitry configured to determine independently a second set of
3 base station(s) after a communication link carrying a call between said wireless unit
4 and a first set of serving base station(s) is severed and further configured to change
5 from said first set of serving base station(s) for said call to a second set of serving
6 base station(s) in attempting to service said call.

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